

IN THE CLAIMS:

1-7. (Canceled)

8. (New) A method for continuously measuring the flatness of a moving hot metal strip, the method comprising projecting a shadow in the form of a line pattern onto said moving hot metal strip, and detecting said line pattern on said moving hot metal strip with a camera.

9. (New) The method of Claim 8, wherein said line pattern detected by said camera is compared continuously by a computer with a reference pattern.

10. (New) The method of Claim 8, wherein said line pattern detected by said camera is used for control of a finishing train.

11. (New) A method for continuously measuring the flatness of an end face of a coil when coiling a metal strip, the method comprising the steps of projecting a shadow in the form of a line pattern onto said end face, and detecting said line pattern on said end face with a camera.

12. (New) The method of Claim 11, wherein said line pattern detected by said camera is compared continuously by a computer with a reference pattern.

13. (New) The method of Claim 11, wherein said line pattern detected by said camera is used for control of a finishing train.

14. (New) A method according to Claim 8, wherein projecting a shadow comprises using a projector to project through a slide.

15. (New) A method according to Claim 11, wherein projecting a shadow comprises using a projector through a slide.